



Transport  
Canada

Transports  
Canada

TP 14058E  
(05/2005)

**C-GOXI**

LOG BOOK

# Airframe Log

TC-1000108



**Canada**



Volume #: 1

Opened on: FEB 8/2010

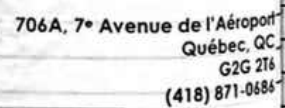
### AIRCRAFT DETAILS

- 1 Nationality & registration marks C-GOXI
- 2 Manufacturer PIPER AIRCRAFT CORP.
- 3 Type & Model PA-31-350
- 4 Serial Number 31-7752070
- 5 Date of manufacture 1977



**1**


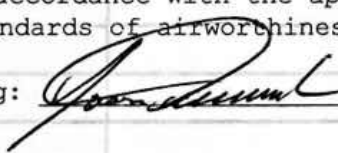

Signature	AME or AMO/ACA
<p><b>Québec Air Maintenance</b> (418) 877-4201</p> <p>Following work has been performed under W/O# Customer P/O verbal.  Times brought from US logs (N949SS):  Hobbs reading: 3207.1  Aircraft TT: 7207.3 hrs.  The following AD's checked:  2009-13-06 baggage door lock replaced, new placard installed.  2004-25-16R1 heater fuel regulator shut off valve inspection c/out, satisfactory.  2003-24-07 rudder torque tube inspection c/out, satisfactory.  99-12-05 elevator spar inspection c/out (for fatigue cracking), satisfactory.  93-23-13 both engines baffle seals inspection c/out, satisfactory.  82-16-05R1 both turbocharger exhaust tailpipe coupling inspection c/out, satisfactory.  2008-14-07 both engines fuel injection lines inspection c/out, satisfactory.  2003-14-03 both engines fuel pump torque check inspection c/out, satisfactory.  Registration C-GOXI affixed on both sides fuselage.  Gears retraction test c/out, satisfactory.  Both engines run-up c/out, satisfactory.  A/C checked and found satisfactory for ferry flight under limitations on US and CDN flight permits issued.  The work described was performed in accordance with the applicable standards of Airworthiness.  DATE: Fév: 08/2010 Signed: <i>Dennis Plante</i> ACA002/AMO 27-95</p>	
<p>(TACH 3210.8)</p> <p>TRANSCRIBED FROM JOURNEY LOG</p> <p>TRANSCRIBED FROM JOURNEY LOG</p>	
<p><b>Québec Air Maintenance</b> (418) 877-4201</p> <p><b>Aircraft registration: C-GOXI</b>  L/H propeller Hartzell HC-C4YR-2uf S/N:FH 84 removed for O/H with TSOH: 4262.6 hrs (TTSN: 7211.0 hrs).  R/H propeller Hartzell HC-C4YR-2CLUF S/N:FH 99 removed for O/H with TSOH: 4262.6 hrs (TTSN: 7211.0 hrs).  The work described was performed in accordance with the applicable standards of Airworthiness.  DATE: March 9/2010 Signed: <i>Dennis Plante</i> ACA002/AMO 27-95</p>	



**TAE  
CH. INS.**



## Section 1: Record of maintenance and elementary work

Date / /	Total air time	Total landings/cycle	Details of task
 <div style="float: right; text-align: right;"> 706A, 7<sup>e</sup> Avenue de l'Aéroport  Québec, Qc  G2G 2T4  (418) 871-0888 </div>			
Registration: C-GOXI Make : PIPER		Model : PA31-350 Serial: 7752070	
Dated: 20 Jul. 2010 <b>REFERENCE W0: 15349</b> Calibration & Certification of :Transponder GARMIN GTX327 P.N. 010-00188-00 S.N. 8376287 with an Altitude encoder ACK A30 S.N. 14752. Altimeter No 1 UNITED P.N. 5934PA-1 S.N. M6393, altimeter No 2 UNITED P.N. A23 s.n. 14892, has been calibrated up to 35,000 feet's. Next calibration due: Jul. 2012. - The Aircraft pitot static system has been tested as per Chapter V71 B,a. - The transponder has been tested as per CAR Chapter V71 Appendix F. - The altimeter has been tested as per CAR Chapter V71 B,b. - The altitude encoder has been tested has per CAR Chapter V71 F,e. <u>Test equipment used.</u> -Setra 370 Pressure Gage Cal Due: 19June 2011 -IFR6000 S.N. 104002718 Transponder/Encoder ramp and bench tester Cal. Due: 30 JUL. 2011. -Pitot static tester P.N. 377-4-50K S.N. 593 Cal. Due 10 June. 2011.  <div style="text-align: center;"> "The Maintenance above has been performed  In accordance with the applicable  standards of airworthiness." AMO #17-77  Sing:  Stamp:  </div>			
<div style="border: 1px solid black; height: 300px; width: 100%; position: relative;"> <div style="position: absolute; top: 0; right: 0; bottom: 0; left: 0; background: linear-gradient(to top right, transparent 49%, black 49%, black 51%, transparent 51%); background-size: 100% 100%; pointer-events: none;"> </div> </div>			



[illegible]

See Locomoting Form ET-001 REV 03/05) supplied with engine for components installed at manufacture.

New hoses kit engine to firewall installed P/N: PA31-350-1.

New Tanis heater kit installed on R/H engine P/N: TAS100-08-1-104 S/N: 43883.

R/H engine turbo blankets replaced with new P/N: 6-727341-3, 6-727341-5 and 6-727341-7.

R/H engine prop governor Woodward P/N: R210913 S/N: 1756840 removed for O/H.

Reinstalled after O/H by Hope Aero propeller w/O: T87760.

Both engines serviced with Oil 15W50.

Oil filters CH48103-1 installed on both engines.

100 hrs inspection c/out as per CAR 625 app B & C and Piper inspection form.

300 hrs inspection c/out as per M.M.

400 hrs inspection c/out on L/H engine. N/A on R/H engine due to new engine installed.

500 hrs inspection performed as follow (see insp form for details): items 1-2 on L/H and R/H engines, items 1-2 on landing gears, items 1-2 on fuselage and empennage, items 1-2-3 on Left and right nacelle area, item 1 on cabin.

1000 hrs inspection performed as follow (see insp form for details): items 1-2-3 on Right engine (these items on Left engine will be done at O/H), items 1-3 on left and right wings and nacelles area, items 1-2 on landing gears, item 1 on left and right wings, item 1 on left and right propellers and item 2 on right engine (item 2 on left engine will be done at engine O/H).

2500 hrs inspection performed as follow (see insp form for details): item 1 on fuselage and empennage.

Valve clearance checked and adjusted as per M.M. section 6 on L/H engine. Total of 3 pushrods replaced P/N: 15F19957-55 (cyl 2, 4, 5) and 1 P/N: 15F199-56 (cyl 3).

#2, #4 and #6 cylinders removed on L/H engine for internal engine check. Found satisfactory. Cylinders reinstalled with new gasket set SL12032-SC. ENTGERS TWICE. PDS

CONTINUED →



## 4

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205, 5<sup>e</sup> Avenue de l'Aéroport  
Québec, QC  
G2G 2T3  
(418) 871-0686

Registration: C-GOXI  
Make : PIPER

Model : PA31-350  
Serial: 31-7752070

Dated: 5 August 2010

**REFERENCE** **WR: TEL10765:** W.O. 14732 Installed: - Qt. 1 ASPEN EFD1000 electronic flight display P.N. A-05-110-00(PFD) s.n. 2153 as per the **Aspen Document # 900-00012-001 Revision D, STC SA822SC.** - Qt. 1 GMA347 P.N. 011-00275-01 audio panel Garmin S.N 47006709 as per the manufacturer installation manual P.N. **(190-00325-01) Rev. E, Sep, 2009.** -Qt. 1 GPS/NAV/COM Garmin GNS530W P.N. 010-00416-01 s.n. 23822194 as per the installation manual p.n. **190-00325-01 September, 2009** **Revision E, STC SA01933LA-D.** -Qt 1, MFD EX600 AVIDYNE P.N. 700-00167-005 S.N. 99513191 installation as per manual P.N. 600-00175-000 Rev. 4, STC SA00290B0 -Qt. 1 GPS/NAV/COM Garmin GNC430 P.N. 010-00139-00 s.n. **2342244** as per the installation manual p.n. **190-00356-08) Rev. B, Feb, 2010.** STC SA01933LA-D.-Qt. 1 SKYWARCH SK899 Collision avoidance system made by L3 Communications Avionics Systems TRC899 P.N. 805-11900-001 s.n. 82421 with directional antenna NT164 P.N. 805-10890-001 s.n. 88064 as per the manufacturer installation P.N. 009-11900-001. -Qt. 1 GTX327 Transponder Garmin P.N. 011-00490-00 s.n. 83706287 as per the installation manual p.n. 190-00187-02 Rev. N Apr. 2008. -Qt. 1 ACK model A30 s.r 119859 interconnect to Garmin GTX327A transponder is carry out as per the installation manual A30M Rev. 04. Dec 02, 2005. - Qt. 1 KRA10 P.N. 066-01061-0001 s.n. 4074 Installed as per the installation manual P.N. 006-00152-0003 rev. 3 Nov. 1985. -Qt. 1 Installation of an ADF KING KR87 P.N. 066-1072-04 S.N. 75566 as per the manufacturer installation manual P.N. 066-00184-0006 may 2006 revision 6. -Qt 1 Stormscope WX500 P.N. 805-11500-01 S.N. 88762 with NY163 antenna P.N. 805-10930-001 S.N. 89050 as per the installation manual P.N. 009-11500-001 (Rev. E). -Qt 1 Stormscope WX500 P.N. 805-11500-01 S.N. 88762 with NY163 antenna P.N. 805-10930-001 S.N. 89050 as per the installation manual P.N. 009-11500-001 (Rev. E). -Qt. 1 Installation of an DME KING KN64 P.N. 066-1088-00 S.N. 13399 as per the manufacturer installation



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manual P.N. 066-00144-0007 Nov. 2004 revision 7. -Qt. 1 ML8700 P.N. 700-00169-001 Broadcast Datalink Receiver S.N. M090338741 as per the manufacturer installation manual P.N. (600-00174-000 Rev. 04. -Qt. 1 Electronics International Engine Analyzer US-8A S/N 118000 as per installation manual P.N. OI072491 and II072091 Rev. B 2/1/93\* dated 7/20/89. -Qt. 1 p.n. MD835 Emergency Power Supply as per the installation manual P.N. E-01-M Rev. 12-01-92. The power is taken from avionic bus bar though a 15 amp. CCT breaker P.N. W23-KC4C12-A15. -Qt.1 p.n. S-TEC 65 autopilot as per ST-849 Bulletin STC Number SA09397AC-D. All system are properly grounded and test normal operation.-Weight and balance amendment carry out, (Ref. C.A.R. Chapter V-71 Appendix C) new empty weight 5218.0 Lbs, new C of G 124.69 inches from datum. BT100AV BEACON TESTER Cal. due 17 AUG.2011

"The Maintenance above has been performed in accordance with the applicable standards of airworthiness."  
AMO#17-77

Sing

Stamp

**TAE**  
**JFM**

Flight control double Sign.

**Sing:**

Stamp

TAE  
CH. INS



## 7



**Tel Air**  
Électronique

~~Oct 12/10 124.5~~ACA007 AMO 27-95







[illegible]

Model : PA31-350  
Serial: 31-7552070

Dated: October 1st, 2010

REFERENCE WO: 15549. Dated: October 18, 1969

-Re-installed autopilot Pitch servo after manufacturer's adjustments.  
Unit installed: S-Tec servo P.N: 0108-15-P5, S.N: 00108-1010-19708.

-Flap indicator circuit breaker replaced AC43.13 1B/2B.

-Anti-collision circuit breaker replaced IAW with Piper M+M 3F11

"The Maintenance above has been performed in accordance with the applicable standards of airworthiness." AMO#17-77

Sing: [Signature] Stamp:

Control cables double inspection:

Sino: Box 1000 Stamp:

TAE  
JFM

TAE  
CH. INS

**Québec Air Maintenance**

(418) 877-4201

**Aircraft registration:** C-GOXI

Aircraft registration: C-GOXI  
Following work has been performed under P/O # Customer P/O verbal  
Oil filters replaced both engines CH48103-1 and oil renewed both engines 15W50.  
Both oil filters inspected for particles, no metal found.  
L/H fuel boot pump found inop. Fuel boost pump S/N: --- 88 (2 first numbers unreadable)  
removed and replaced with O/H unit P/N: 286-64 S/N: 27576. Functional test c/out, satisfactory  
L/H side fuel boost indication light switch found defective. Switch P/N: 688-192 S/N: K001999  
removed and replaced with new switch P/N: 688-192 S/N: K002015. Functional test c/out,  
satisfactory.  
Run-up c/out, no leaks observed.  
Airworthiness directives, service bulletins, service letters, time limit items and special  
inspections related to STC not checked, they are the responsibility of the aircraft owner.  
The work described was performed in accordance with the applicable standards of  
Airworthiness.

Airworthiness.  
DATE: Oct 1/10

Signed \_\_\_\_\_

ACA001/ AMO 27-95

(418) 877-4201

**Québec Air Maintenance**

Aircraft registration: C-GOXT

**Aircraft registration:** C-60XT  
Following work has been performed under P/O # 10-18-10 OXI  
Oil leak reported at co-pilot pedals.  
Oil pressure lines found leaking.  
Both oil pressure hoses removed, new hoses fabricated 193-3-14 (2X), hoses reinstalled.  
See QAM hoses report for details.  
R/H alternator reported intermittent. Alternator belt retightened.  
Run-up c/out, no leaks observed.  
The work described was performed in accordance with the applicable standards of  
Airworthiness.  
DATE: Oct 18/10 Signed: Heaps ACA001/AMO

DATE: Oct 18/10

Signed \_\_\_\_\_

ACA001/AMO 27-95



## 10

**Tel Air**  
Electronique

Registration: C-GOXI  
Make : Piper  
**REFERENCE WO: 15602.**

Model : PA31-350  
Serial: 31-7552070

Dated: October 19th, 2010

-Removed autopilot pitch trim computer to permit manufacturer's adjustments.

Units removed: Model 010-33T, S.N: 00110-1009-06657.  
Model 0111, S.N: 0111-1008-41604.

-GPS #1 & #2 database updated, new expiry date: November 18, 2010

**-Autopilot system de-activated.**

"The Maintenance above has been performed in accordance with the applicable standards of airworthiness." AMO#17-77

Sing: 

Stamp:

**TAE  
JFM**

**Québec Air Maintenance**

(418) 877-4201

**Aircraft registration: C-GOXI**

Following work has been performed under P/O # OXI-11-03-10

Oil renewed 15W50 and filter replaced CH48103-1 on Both engines.

Run-up c/out, no leaks observed.

The work described was performed in accordance with the applicable standards of Airworthiness.

DATE: Nov 03/2010

Signed: 

ACA007/ AMO 27-95

Registration: C-GOXI  
Make : Piper

Model : PA31-350  
Serial: 31-7552070

**REFERENCE WO: 15668.**

Dated: November 05th, 2010

-Repaired right hand forward intercom position in accordance with Gar  
Installation Manual #190-00325-01 rev.F, dated June 2010.





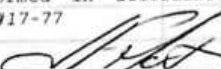

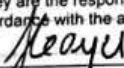
"The Maintenance above has been performed in accordance with the applicable standards of airworthiness." AMO#17-77

Sing: 

Stamp:

**TAE  
JFM**



	Signature	AME or AMO/ACA
		
<b>Registration:</b> C-GOXI <b>Make :</b> Piper	<b>Model :</b> PA31-350 <b>Serial:</b> 31-7552070	
Dated: November 15 <sup>th</sup> , 2010 <b>REFERENCE WO: 15690.</b> -S-TEC Flight Director Interface module Model ST670 installed in accordance with Installation bulletin #670. (ref dwg #99171) Unit Installed: P.N: 0118, S.N: 01180-00483A.		
<b>REFERENCE WO: 15692.</b> -Lighting function on ADF indicator was repaired in accordance with Honeywell Maintenance manual #006-05184-0007 Rev 07, dated July 1998. -Lighting function on Radalt indicator was repaired in accordance with Honeywell Maintenance manual #006-05152-0003 Rev 03, dated November 1985.		
"The Maintenance above has been performed in accordance with the applicable standards of airworthiness." AMO#17-77		
Sing: 	Stamp: 	
		
<b>Registration:</b> C-GOXI <b>Make :</b> Piper <b>REFERENCE WO: 15602.</b>	<b>Model :</b> PA31-350 <b>Serial:</b> 31-7552070 <b>Dated:</b> November 19th, 2010	
-Removed autopilot pitch trim computer to permit manufacturer's adjustments. Units re-installed: Model 010-33T, S.N: 00110-1009-06657. Model 0111, S.N: 0111-1043-42162AA. Model 01279-PX, S.N: 01279-0907-02850.		
<b>-Autopilot system re-activated.</b> "The Maintenance above has been performed in accordance with the applicable standards of airworthiness." AMO#17-77		
Sing: 	Stamp: 	
<b>Québec Air Maintenance</b> (418) 877-4201		
<b>Aircraft registration: C-GOXI</b> Following work has been performed under P/O # Customer P/O verbal Oil renewed both engines 15W50. Oil filters replaced CH48103. Oil filters inspected, no metal found. Replaced taxi light with new P/N: 4596. Functional test c/out, satisfactory. Replaced tail light (on stab L/H) P/N: A508-28. functional test c/out, satisfactory. Run-up c/out and satisfactory, no leaks observed. Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner. The work described was performed in accordance with the applicable standards of Airworthiness.		
DATE: Jan 12/11	Signed:  ACA001/ AMO 27-95	





Model: 221-100  
Serial: 31-7552070

Dated: November 15th, 2010

"The Maintenance above has been performed in accordance with the applicable standards of airworthiness." AMO#17-77

2192

### Summary

TAE  
JFM

(413) 877-4201

Following work has been performed under WFO Customer P/O verbal.  
100 hrs inspection as per CAR 625 app B & C and Piper inspection form.  
Oil renewed both engines 15W50.

Oil filters replaced CH48103-1.  
LH squat switch replaced with new P/N: 1CH21-4. Switch adjusted. Retraction tests performed and found satisfactory.  
Replaced tail navigation light with new P/N: A506. Functional test ok, satisfactory.  
Repaired lower passenger inside strap handle.  
Patch P/N: 74-451-178 installed on R/H elevator boot de-icer and one patch on R/H wing.  
Ice-X applied on all boots de-icer.  
R/H flap outboard skin found with one dent. Flap removed, new skin installed P/N: 40185-019.  
Flap reinstalled and safetied.  
Both oil cooler winterization plates removed.  
Cabin door FWD cable found worn. New cable P/N: 44523-004 installed.  
R/H engine manifold pressure adjusted to match LH engine as per M.M.  
Installed Aero Crafters exhaust heater system kit #265GL saw STC SA240CH.  
Airplane flight manual supplement Document No. FM-31T inserted in PCH.  
Aircraft weight and balance amendment #2 produced.  
**New empty weight: 5247 Lbs**  
**New C.G: 124.61**  
Equipment list amended.  
Both sides pressure inline filters replaced AA2J4-6.  
Both sides instrument filters replaced B3-6-1.

The following AD's checked:  
 82-27-13R2 flaps transmission inspection clout, satisfactory  
 89-12-05 elevator spar inspection clout (for fatigue cracking), satisfactory  
 93-23-13 both engines baffle seals inspection clout, satisfactory  
 82-16-05R1 both turbochargers exhaust tailpipe coupling inspection clout, satisfactory  
 2008-14-07 both engines fuel injection lines inspection clout, satisfactory  
 2003-14-03 both engines fuel pump torque check inspection clout, satisfactory  
 2010-07-08 turbochargers, found N/A on both engines per P/N's and S/N's:  
 (LH turbo P/N: LW12463-85 S/N: TH08A8C)  
 (RH turbo P/N: LW12463 S/N: ND100068)  
 Both engines run-up clout, satisfactory  
 The work described was performed in accordance with the applicable standards of  
 Airworthiness  
 DATE: March 21/2011 Signed: Hayes ACAD0011AM0

ACQUINARO 27-98



[illegible]

Right engine magnets point  
replaced with new and point  
gap charge adjusted and  
engine running OK.

Run up and both engines  
and found satisfactory

Les travaux de maintenance décrit ci-haut ont été exécutés conformément aux normes de navigabilité applicables.

Signature du TEA *Adnan Huseinovic*

licence No DEA002 Date DEC 14

(418) 877-4201

Following work has been performed under P/O # Customer P/O verbal

Oil renewed both engines 15W50.

Oil filters replaced CH48103, Oil filters inspected, no metal found.

Both engine all spark plugs RHB37E removed and replaced with 24 new P/N RHB36S.

Run-up c/out and satisfactory, no leaks observed.

Airworthiness directives, service bulletins, service letters, time limit items and special

inspections related to STC not checked, they are the responsibility of the aircraft owner.

The work described was performed in accordance with the applicable standards of Airworthiness.


DATE: May: 20/11

Signed: [Signature] ACA002/ AMO 27-95



# Section 1: Record of maintenance and elementary work

14

Date	Total air time	Total landings/cycle	Details of task
			<p><b>Tel Air</b> Électronique</p> <p>706A, 7<sup>e</sup> Avenue de l'Aéroport Québec, QC G2G 2T6 (418) 871-0886</p> <p>Registration: C-GOXI Make : Piper Dated: 25 May 2011</p> <p>Model : PA31-350 Serial: 7552070</p> <p>REFERENCE W.O.: 16298 Replace RSM p.n. 910-0003-001 Installed S.N. 12036 as per the manufacturer ASPEN Document P.N. 900-00003-001 Rev. H. System adjust, test found serviceable.</p> <p>"The Maintenance above has been performed in accordance with the applicable standard of airworthiness." AMO#17-77</p> <p>Signed: <i>[Signature]</i> Stamp: </p>
JULY 25/11	7387.3		
Nov 9/11	7428.8		
NOV 24/11	7434.8		

**Québec Air Maintenance** (418) 877-4201  
**Aircraft registration: C-GOXI**  
 Following work has been performed under W/O# Customer P/O verbal.  
 Elevator trim drum screw Bearing and bushing replaced with new P/N 452 381 &  
 P/N 44150-000 and rod end bearing replaced with new P/N MVV34-14B.  
 Elevator trim rigging c/out as per M.M. section 5.30.  
 Elevator trim independent inspection c/out.  
 The work described was performed in accordance with the applicable standards of Airworthiness.  
 DATE: July 25, 2011 Signed: *[Signature]* ACA002/AMO 27-95

**Québec Air Maintenance** (418) 877-4201  
**Aircraft registration: C-GOXI**  
 Following work has been performed under P/O # Customer verbal  
 Oil renewed both engines 15W50.  
 Both oil filters replaced CH48103.  
 Replaced both lamps vertical fin lighting PN: A508-28.  
 Run-up c/out and found satisfactory.  
 The work described was performed in accordance with the applicable standards of Airworthiness.  
 DATE: Nov 9/2011 Signed: *[Signature]* ACA002/AMO 27-95

**Québec Air Maintenance** (418) 877-4201  
**Aircraft registration:**  
 Following work has been performed under P/O # customer verbal  
 Elevator balance spring P/N 71056-003 removed and replaced with new, installed as per M.M. 5.28.  
 Elevator control spring independent inspection c/out *[Signature]*  
 Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner.  
 The work described was performed in accordance with the applicable standards of Airworthiness.  
 DATE: Nov: 24/2011 Signed: *[Signature]* ACA002/AMO 27-95



# Section 1: Record of maintenance and elementary work

Date	Total air time	Total landings/cycle	Details of task
Feb 27/12	7443.9		



706A, 7<sup>e</sup> Avenue de l'Aéroport  
Québec, QC  
G2G 2T6  
(418) 871-0686

Registration: C-GOXI  
Make : PIPER

Model : PA31-350T  
Serial: 7552070

Dated: 28 Feb. 2012

REFERENCE W.O.: 17190 Repair Radar Altimeter King KRA10 reference manual P.N.  
006-05152-0003 Rev. 3 Nov. 1985. System test found serviceable.

"The Maintenance above has been performed  
in accordance with the applicable standard  
of airworthiness."

AMO#17-77

Sing:

Stamp:



Feb 29/12

Signature

AME or  
AMO/ACA



Regional Avionics Inc.  
204 Des Bouleaux  
Neuville, Quebec, G0A2R0  
418-455-7237

29 Feb 2012

C-GOXI TAT: 7443.9

Work Order: W12113

Pilot Altimeter P/N 5035P-P23, S/N 14892 calibrated to 35,000 feet IAW CAR 571 appendix B  
Copilot Altimeter P/N 5934PA-1, S/N H6893 tested to 35,000 feet IAW CAR 571 appendix B  
Pilot static leak check carried out IAW CAR 571 appendix B  
Transponder P/N 011-00490-00, S/N 83706287 tested IAW CAR 571 appendix F  
Correlation check carried out to 14,800 feet IAW CAR 571 appendix F

Jean Sicard, AMO: 32-04



The maintenance described above has been performed in  
accordance with the applicable standards of airworthiness







	Signature	AME no
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> </div> <div> <p>Bon de travail → 041701</p> <p>Date → 29 mars 2012</p> </div> <div> <p>Inmatriculation → C-GOXI</p> <p>Modèle → Piper PA-31-350</p> <p>Numéro de série → 31-7752070</p> </div> </div>		
<p>Le moteur d'entraînement de roulis S-TEC n/p 0106-R2 n/s 00106-1010-26188CEFGJ, le moteur d'entraînement de tangage S-TEC n/p 0108-15-P5 n/s 00108-1010-19708BCDEFIJK et le moteur de lacet S-TEC n/p 0106-Y10 n/s 00106-1010-26190CEFGJ ont été réparés. Les connecteurs dans l'avion des moteurs d'entraînements de roulis, de tangage, de lacet, et de trim ont été réparés. Les connecteurs dans l'avion du PFGC et de l'ordinateur de lacet ont été réparés. Le moteur d'entraînement de tangage a été réinstallé en accord avec le schéma du fabricant STEC # 76891. L'ordinateur de lacet a été réinstallé en accord avec le schéma du fabricant S-TEC # 76719. Le circuit de pression statique a subi un essai de fuite de circuit selon le RAC, Partie V, Norme 571, Appendice B. Le système auto pilote a été vérifié sur l'avion et son fonctionnement est normal.</p>		
<p><i>Alexandre Luvier</i></p> <p>Alexandre Luvier licence 9099561</p>		
<p>Les travaux de maintenance décrits ci-haut ont été exécutés conformément aux normes de navigabilité applicables. Airnav Electronique Ltée, OMA 3-84, 9325 ave Ryan, suite 200, Dorval (Qc) H9P 1A2 (514) 631-1233</p>		
<p><b>Québec Air Maintenance</b> <span style="float: right;">(418) 877-4201</span></p> <p><b>Aircraft registration: C-GOXI</b></p> <p>Following work has been performed under P/O # Customer verbal</p> <p>L/H propeller Hartzell model HC-C4YR-2 SN: FH84 removed for engine replacement.</p> <p>L/ engine Lycoming TIO-540-J2BD SN: L-9073-61A removed for O/H.</p> <p>Newly O/H' d engine Lycoming TIO-540-J2BD SN: L-3307-61A, O/H' by Aero Recip W/O: 1010036, installed on L/H side C-GOXI.</p> <p>Engine QEC, with all accessories, hoses, turbo with blankets, set of hoses, turbo mount, engine mount etc. See record of accessories annexed to engine log for detail.</p> <p>Engine serviced with Shell 15W50.</p> <p>Engine pre-oiled as per procedures supplied with engine.</p> <p>New engine drain valve installed P5000.</p> <p>Prop governor woodward PN: L210913 SN: 756839 reinstalled after O/H by Hope Aero propeller W/O: T96240.</p> <p>Existing Hydraulic pump reinstalled.</p> <p>Existing vacuum pump reinstalled.</p> <p>Independant check c/out on engine controls:</p> <p style="text-align: right;">ACA008</p>		
<p>Oil renewed R/H engine 15W50 and oil filter replaced CH48103.</p> <p>RH side inboard fuel sender replaced with new PN: 550-698.</p> <p>RH side outboard fuel sender replaced with new PN: 550-697.</p> <p>Both fuel senders tested, found satisfactory.</p> <p>Run-up c/out &amp; found satisfactory.</p> <p>All engine adjustments c/out iaw maintenance manual on L/H engine.</p> <p>Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner.</p> <p>The work described was performed in accordance with the applicable standards of Airworthiness</p> <p>DATE: May 15/2012 Signed <i>Cam Luvier</i> ACA002/ AMO 21-56</p> <p style="text-align: center; font-weight: bold; font-size: 1.2em;">FLIGHT TEST REQUIRED.</p>		







## 19

**Québec Air Maintenance**

(418) 877-4201

Oil filters replaced CH48103-1.

Oil door on RH upper cowling latch broken. Repaired latch and repainted

The following AD's checked:

AD 2003-24-07 rudder torque tube insp c/out, satisfactory. No corrosion found.

AD 2004-25-16R1 fuel regulator shut off valve inspection c/out, satisfactory.

AD 2009-13-06R1 baggage door insp (100 hrs insp requirement) c/out and found satisfactory.

82-27-13R2 (100 hrs insp requirement) flaps transmission inspection c/out, satisfactory.

99-12-05 elevator spar inspection c/out (for fatigue cracking), satisfactory.

93-23-13 both engines baffles inspection c/out, satisfactory.

82-16-05R1 both turbocharge exhaust tailpipe coupling inspection c/out, satisfactory

2011-26-04 both engines fuel injection lines and clamps inspection c/out, satisfactory

2003-14-03 both engines fuel pump torque check inspection c/out, satisfactory.

Both engines run-up c/out. satisfactory.

Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner.

The work described was performed in accordance with the applicable standards of Airworthiness.

DATE: Feb 13/2013 Signed:

QAM  
ACA001  
27-10

ACA001/AMO 27-95



## 20


**Québec Air Maintenance**  
**Aircraft registration: C-GOXI**  
Following work has been performed under P/O: Customer verbal.  
Oil renewed both engines 15W50.  
Oil filters replaced CH48103-1.  
RH mag on RH engine reported dead. Lead repaired.  
Prop de-ice timer reported intermittent. Timer PN: 3E1150-7 SN: G1706 removed and replaced with repaired unit PN: 3E1150-7 SN: G457. Functional test c/out and found satisfactory.  
Run-up c/out & found satisfactory, no leaks observed.  
The work described was performed in accordance with the applicable standards of Airworthiness  
DATE: March 26/2013 Signed: *[Signature]*  ACA001/ AMO 27-95

**Québec Air Maintenance**  
**Aircraft registration: C-GOXI**  
Following work has been performed under P/O: Customer verbal  
LH engine leaking at #3 and #5 cylinders base.  
Pulled #3 and #5 cylinders LH engine. Installed new gasket sets PN: SL12033-SC and exhaust gaskets PN: SL15619.  
Both cylinders reinstalled and torqued as per M.M.  
Both engines oil renewed 15W50.  
Both oil filters replaced CH48103-1.  
Run-up c/out & found satisfactory, no leaks observed.  
Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner.  
The work described was performed in accordance with the applicable standards of Airworthiness  
DATE: May 28/2013 Signed: *[Signature]*  ACA001/ AMO 27-95

SN: G10AA096 and replaced with  
8R2910-18 SN: 85100240T.  
Les travaux de maintenance décrit ci-haut ont  
été exécutés conformément aux normes de  
navigabilité applicables.  
Signature du TEA *[Signature]*  Date *[Signature]*  
Licence No *[Signature]*

July 5,2013 CX-GOXI  
Replaced Specialty tires 6.50X10 Tube in Left  
Main wheel. ASI Bat# 350284.  
The described maintenance has been performed  
In accordance with the applicable airworthiness requirements  
*[Signature]* M139250


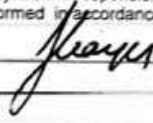



	Signature	AME or AMO/ACA
<p><u>Québec Air Maintenance</u> (418) 877-4201</p> <p><u>Aircraft registration: C-GOXI</u></p> <p>Following work has been performed under W/O# Customer P/O verbal.</p> <p>Oil renewed both engines 15W/50.</p> <p>Oil filters replaced CH48103-1.</p> <p>Right engine breather oil separator gasket seal cover replaced.</p> <p>Both engines run-up c/out, satisfactory.</p> <p>The work described was performed in accordance with the applicable standards of</p> <p>Airworthiness</p> <p>DATE: July 29/2012 Signed <i>[Signature]</i> ACA002/AMO 27-95 27-95</p>		
<p> Québec Air Maintenance (418) 877-4201 www.quebecairmaintenance.com</p>		
<p><u>Aircraft registration : C-GOXI</u></p> <p>Following work has been performed under P/O: Customer verbal</p> <p>100 hrs inspection as per CAR 625 app B &amp; C and Piper inspection form.</p> <p>Oil renewed both engines 15W50.</p> <p>Oil filters replaced CH48103-1.</p> <p>Both sides instrument filters replaced B3-5-1.</p> <p>Replaced both sides inline pressure filters PN: AA2J4-6.</p> <p>Both engines EGT probed reported U/S. Replaced EGT probe on LH and RH engines with new PN: 55841-002PN SN: 110340 on LH engine and SN: 110344 on RH engine. Functional test c/out, satisfactory.</p> <p>Replaced #1 and #2 EGT probes (Electronic International) with new PN: P-110. Tested satisfactory.</p> <p>Both sides Low pitch stop threads found worn and nuts worn, removed both low pitch stops and replaced with new PN: A-2404-1 and nuts PN: A-2405-2 and A-2405-4.</p> <p>LH magneto PN: 10-682910-13 SN: I093135 removed, 500 hrs insp (point ES10-382585 and point AB382622 replaced) done by Aero Atelier W/O: CWR-2987. Magneto reinstalled and timing c/out.</p> <p>At owner request, replaced LH air pressure pump. Pump SN: C2072 removed and replaced with O/H unit AA441CC-7 SN: 03XE01.</p> <p>Repaired prop de-ice wires on LH and RH props. Prop de-ice tested satisfactory.</p> <p>LH engine fuel pressure reported low, adjusted to proper limits.</p> <p>Found minor oil leak on RH engine, found oil return line loose, retightened clamp, found satisfactory.</p> <p>Both engines pre-heater system functional test c/out, found satisfactory.</p> <p>Oxygen bottle PN: 800112-13 SN: CYL: 964624, Valve/Reg: 482 removed, hydrostatic test done by CASP Aerospace W/O: 361248. Oxygen cylinder reinstalled.</p> <p>Repaired LH engine alternate air bracket.</p> <p><u>The following AD's checked:</u></p> <p>2013-10-04 both engines exhaust visual inspection c/out, satisfactory.</p> <p>82-27-13R2 flaps transmission inspection c/out, satisfactory.</p> <p>99-12-05 elevator spar inspection c/out (for fatigue cracking), satisfactory.</p> <p>93-23-13 both engines baffle seals inspection c/out, satisfactory.</p> <p>2004-21-05 heater pressure decay test c/out, satisfactory. No leaks found.</p> <p>2009-13-06R1 Part 2 cargo door inspected and lubricated, found satisfactory.</p> <p>2011-26-04 both engines fuel injection lines inspection c/out, satisfactory.</p> <p>2003-14-03 both engines fuel pump torque check inspection c/out, satisfactory.</p> <p>Both engines run-up c/out, satisfactory.</p> <p>Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner.</p> <p>The work described was performed in accordance with the applicable standards of</p> <p>Airworthiness</p> <p>DATE: Nov 15/2013 Signed <i>[Signature]</i> ACA001/AMO 27-95 27-95</p>		







		Signature	AME or AMT/ACJ
 <p>Quebec Air Maintenance (418) 877-4521 www.quebecairmaintenance.com</p>			
<p><b>Aircraft registration : C-GOXX</b>            Following work has been performed under P/O: Customer verbal            50 hrs inspection as per CAR 625 app B &amp; C and Piper inspection form.            Both engines differential compression test c/out.            Oil renewed both engines 15W50.            Oil filters replaced CH43103-1.            RH engine EGT probed reported U/S. Replaced EGT probe with new PN: 55841-002PN (481-358) SN: 06948. Functional test c/out, satisfactory.            #1 cylinder on RH engine EGT probes (Electronic International) intermittent. Swapped probe from #1 cylinder to #3 cylinder. Tested satisfactory.            Repaired wire on LH alternator. Tested satisfactory.            ELT removed for certification and battery replacement done by Regional Avionics W/O: W14595.            Reinstalled.            Both sides of stabilizer logo lamps U/S; replaced bulbs A508-28, tested satisfactory.            Both (FWD and AFT) portable fire extinguishers checked and reweighted.            First aid kit inspected.            Compass swing c/out, new card made up.            Both engines tachometer checked, found within limits.</p>			
<p><b>The following AD's checked:</b>            2013-10-04 both engines exhaust visual inspection c/out, satisfactory.            82-27-13R2 flaps transmission inspection c/out, satisfactory.            82-27-13R2 flaps flexible drive shafts inspection c/out, satisfactory.            2003-24-07 rudder torque tube insp c/out, satisfactory.            99-12-05 elevator spar inspection c/out (for fatigue cracking), satisfactory.            93-23-13 both engines baffle seals inspection c/out, satisfactory.            2009-13-06R1 Part 2 cargo door inspected and lubricated, found satisfactory.            2011-28-04 both engines fuel injection lines inspection c/out, satisfactory.            2003-14-03 both engines fuel pump torque check inspection c/out, satisfactory.            2004-25-16R1 fuel regulator shut off valve insp c/out, satisfactory.            Both engines run-up c/out, satisfactory.            Airworthiness directives, service bulletins, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner.            The work described was performed in accordance with the applicable standards of Airworthiness.            DATE: Aug 15/2014 Signed:   ACA001/AMO 27-95</p>			





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Aircraft registration : C-GOXI

Aircraft registration : -GUX  
Following work has been performed under P/O: Customer verbal  
100 hrs inspection as per CAR 625 app B & C and Piper inspection form.  
Both engines differential compression test c/out.  
Oil and filters not changed at owner request.  
Nose oleo seals replaced and oleo serviced.  
Prop de-ice U/S: removed prop de-ice timer SN: G457 and replaced with repaired unit PN:  
3E1150-7 SN: G1706. Functional test c/out, satisfactory.  
LH engine magneto removed, replaced breaker points PN: 10-382585 and AB382622.  
Replaced LH magneto condensers PN: AB382621. Mag internal timing c/out. Magneto  
reinstalled and timing done, satisfactory.  
One static discharger found broken on RH elevator. New static discharger installed PN: SW10-  
96.  
De-icer boot wing RH found cut, patch installed.  
De-icer boots stay ON after inflating: RH pressure regulator valve found inop, removed valve SN:  
38-146 and replaced with O/D assy PN: 2H22-11 SN: 3268-1. Tested and found satisfactory.

The following AD's checked:  
 2013-10-04 both engines exhaust visual inspection c/out, satisfactory.  
 93-23-13 both engines baffle seals inspection c/out, satisfactory.  
 2003-14-03 both engines fuel pump torque check inspection c/out, satisfactory.  
 2003-14-03 both engines fuel pump torque check inspection c/out, satisfactory.

2003-14-03 following:  
Both engines run-up/ shut, satisfactory.  
Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner.  
The work described was performed in accordance with the applicable standards of  
Airworthiness  
DATE: Nov 7/2014 Signed: Heary   ACA001/AMO 27-95

Airworthiness  
DATE: Nov 7/2014 Signed

ACA001/AMO 27-95





### Section 1: Record of maintenance and elementary work

[illegible]

**Québec Air Maintenance**  
(418) 877-4201  
[www.quebecairmaintenance.com](http://www.quebecairmaintenance.com)

Aircraft registration : C-GOXI

Following work has been performed under P/O: Customer verbal  
both engines differential compression test c/out.

Oil renewed both engines 15W50.

Oil filters replaced CH48103-1.

Differential cylinder compression check on both engines.

#6 cylinder on LH engine found with low compression. Removed #6 cylinder assy and replaced with new cylinder assy PN: 05K21108 SN: A342129. Cylinder reinstalled with new gasket sets. RH engines found some cylinders with low compression and all cylinders have exhaust valves guides elongated holes.

#1 cylinder RH engine removed and replaced with new cylinder assy PN: 05K21108  
SN: 33714J05.

SN: 33714J05.  
#2 cylinder RH engine removed and replaced with new cylinder assy PN: 05K21108  
SN: A271127.

#3 cylinder RH engine removed and replaced with new cylinder assy PN: 05K21108  
SN A300127.

SN: 11914C08.

SN: 11914C08.  
#5 cylinder RH engine removed and replaced with new cylinder assy PN: 05K21108  
SN: A099137.

#6 cylinder RH engine removed and replaced with new cylinder assy PN: 05K21108  
SN: A300127.

Some push rods replaced with new PN: 15F19957-48 and -49 for good rocker gap clearance.  
All cylinders reinstalled with new gasket sets.

All cylinders reinstalled with new gasket sets.  
 LH engine EGT probed reported U/S. Replac

LN engine EGT probed reported U/S. Replaced EGT probe with new PN: 55841-02PN  
SN: 140041. Functional test c/out, satisfactory.

SN: 140041. Functional test c/out, satisfactory.

At owner request, both breaker points replaced on RH magneto with new PN: 10-382811.  
Internal timing c/out.

At owner request, replaced LH magneto condensers with new PN: AB382621.

Found #3 cylinder exhaust stack cracked on RH engine; replaced exhaust stack with repaired PN: 43401-09.

PN: A-2405-2 and A-2405-4.

Found surface de-ice timer sticking; removed timer SN: G1226 and replaced with PN: B00325-1 SN: 80L89801. Tested satisfactory.

#6 cylinder on LH engine EGT probes (Electronic International) intermittent. Removed probe and replaced with new PN: P-110. Tested satisfactory.

LH engine magneto drop; removed magneto PN: 10-682910-13R SN: 1093135 and reinstalled after repair by Aero Atelier W/O: 13502-M.

Both engines run-up c/out, satisfactory.

Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner.

The work described was performed in accordance with the applicable standards of Airworthiness


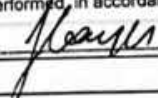


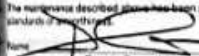
DATE: May 5/2014 Signed:

QAM  
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ACA001/AMO 27-95




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		Signature	AME or AMO/ACA
 <div style="display: inline-block; vertical-align: middle; text-align: left;"> <b>Qu�bec Air Maintenance</b>            (418) 877-4201  <a href="http://www.quebecairmaintenance.com">www.quebecairmaintenance.com</a> </div>			
<b>Aircraft registration : C-GOXI</b> Following work has been performed under P/O: Customer verbal 100 hrs inspection as per CAR 625 app B & C and Piper inspection form. Both engines differential compression test c/out. Oil and filters not changed at owner request. First aid kit inspected. Fire extinguisher checked and reweighted. Compass swing c/out, new card made up. Cabin entrance door step cracked. Lower step repaired, aluminium sheet replaced. Both engines tachometer check c/out, satisfactory. ELT AK-451 SN: 0574 certification c/out by WAAS Avionique W/O: CWR627. Batt due: 06/2019.			
The following AD's checked: AD 2013-10-04 both engines exhaust visual inspection c/out, satisfactory. 93-23-13 both engines baffle seals inspection c/out, satisfactory. AD 2009-13-06R1 baggage door lock inspected and lubricated, satisfactory. AD 2015-19-07 both engines fuel lines and clamps insp c/out, satisfactory. AD 2003-14-03 both engines fuel pump torque check inspection c/out, satisfactory. AD 2003-24-07 rudder torque lube inspection c/out, no corrosion found. AD 2004-21-05 Heater pressure decay test c/out, found satisfactory. AD 2004-25-16R1 fuel regulator shut off valve insp c/out, satisfactory. AD 82-27-13R2 flap transmission inspection c/out, satisfactory. Both engines run-up c/out, satisfactory. Airworthiness directives, service bulletins, service letters, time limit items and special inspections related to STC not checked, they are the responsibility of the aircraft owner. The work described was performed in accordance with the applicable standards of Airworthiness.			
DATE: Nov 5/2015 Signed: 		 ACA001/AMO 27-95	
<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;">  </div> <div style="width: 40%;"> <b>WAAS AVIONIQUE</b>            706A, 7e Avenue de l'A�roport            Qu�bec (Qu�bec) G2G 2T6            Ph. Office: 418-780-8066            Fax: 418-529-4444            info@avioniquewaas.com            A.M.O. 23-14         </div> <div style="width: 30%; text-align: right;">           Aircraft registration: C-GOXI            Work report number: GOXI200718            Date: jul. 28, 2016            Airframe log            Aircraft TTF: 7987.5         </div> </div>			
Item	Description	Correction	
1	FOLLOWING WORK PERFORM UNDER PO VERBAL AUTOPILOT INTERMITTENT IN ROLL AXIS AND PORPOISING IN ALTITUDE MODE IN FLIGHT.	AFTER TROUBLESHOOTING, ROLL SERVO CLUTCH FOUND LOOSE, CLUTCH TENSION ADJUSTED IAW STC DOCUMENT ST-849 & DRAWING #05166 REV.C. AFTER TROUBLESHOOTING, PITCH PORPOISING FAULT FOUND COMING FROM THE NOSE AVIONIC SHELVE WHERE PITCH COMPUTER IS INSTALLED. NOISE AVIONIC RACK REINFORCED IAW STANDARD PRACTICE AC43.13-1B AUTOPILOT SYSTEM GROUND TESTED SERVICEABLE	
The maintenance described above has been performed in accordance with the applicable standards of the authority.			
Name	 License no.: WAAS ACA 01 AMO 23-14		
Subject to satisfactory test flight. Systems to be tested : AUTOPILOT SYSTEM			



## Section 1: Record of maintenance and elementary work

Date	Total air time	Total landings/cycle	Details of task
2016-10-04			Replaced RH tire
2016/11/15			
 <p>WAAS AVIONIQUE 706A, 7e Avenue de l'Aéroport Québec (Québec) G2G 2T6 Ph. Office 418-780-8000 Fax 418-529-4444 info@avioniquewaas.com A.M.O. 23-14</p> <p>Aircraft TTAIF : 7997.9 Landing : 0.0</p>			
<p>2016/11/16</p>			

Description	Signature	AME or AMO/ACA
transcribed from journey log. <i>[Signature]</i>		
<p>Correction</p> <p>1. FOLLOWING WORK PERFORMED UNDER PO #11-09-160X1: PERFORM PILOT ALTIMETER 24 MONTH INSPECTION.</p> <p>2. PERFORM CO-PILOT ALTIMETER 24 MONTH INSPECTION.</p> <p>3. PERFORM TRANSPONDER 24 MONTH INSPECTION.</p> <p>4. PERFORM ENCODER CORRELATION 24 MONTH CHECK.</p> <p>5. PERFORM PITOT/STATIC LEAK CHECK</p> <p>6. PERFORM ELT CERTIFICATION</p> <p>7. PERFORM STBY ALTIMETER 24 MONTH INSPECTION</p>	<p>- PILOT ALTIMETER FOUND OUT OF TOLERANCE, ALTIMETER DATA CALIBRATION C/OUT IAW ASPEN TECH NOTE 2009-09 REV D.</p> <p>- PILOT ALTIMETER CERTIFICATION C/OUT RANGE -1,000FT TO 35,000FT IAW CAR CHAPTER 571.10 APP B P/N PFD1000 S/N: 9184</p> <p>CO-PILOT ALTIMETER CERTIFICATION C/OUT RANGE -1,000FT TO 35,000FT IAW CAR CHAPTER 571.10 APP B P/N: 5934Pa-1 S/N: H6893</p> <p>TRANSPONDER CERTIFICATION/TEST C/OUT SATISFACTORY IAW CAR 571.10 APP F P/N: 011-00490-00 S/N: 83706287</p> <p>ALTITUDE ENCODER CORRELATION TEST (RANGE -1,000FT TO 30,800FT) C/OUT SATISFACTORY IAW CAR 571.10 APP F P/N: A-30 S/N: 119859</p> <p>PITOT/STATIC LEAK CHECK C/OUT IAW CAR 571.10 APP. B &amp; AC 43.13-1B CHAPTER 12 ELT REMOVED, CERTIFICATION C/OUT ON OP. CWR# . ELT REINSTALLED AND TESTED SERVICEABLE IAW MANUFACTURER INSTRUCTION</p> <p>STBY ALTIMETER CERTIFICATION C/OUT RANGE -1,000FT TO 35,000FT IAW CAR CHAPTER 571.10 APP B P/N 5035P-P23 S/N: 14892</p>	
<p>The maintenance described above has been performed in accordance with the applicable standards of airworthiness.</p> <p>Technician: <i>C. Bourgeois</i> License no.: WAAS ACA 05 A.M.O. 23-14 Catherine Bourgeois B</p>		
<p>23-14 05</p>		
<p>Québec Air Maintenance (418) 877-4201 www.quebecairmaintenance.com</p>		
<p>Aircraft registration : C-GOXI Following work has been performed under P/O: Customer verbal.</p> <p>During inspection, found LH prop dome low pitch stop threads worn. Removed LH prop Harzell PN: HC-C4YR-2 SN: FH84 and sent for repair.</p> <p>The work described was performed in accordance with the applicable standards of Airworthiness.</p> <p>DATE: Nov 24/2016 Signed: <i>[Signature]</i> <i>Nov 24/16</i></p>		
<p>0.0 AMO/ACA 001/AMO 27-95</p>		







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Québec Air Maintenance  
(418) 877-4201  
[www.quebecairmaintenance.com](http://www.quebecairmaintenance.com)

Aircraft registration : C-GOXI

Aircraft registration : G-GOXI  
Following work has been performed under P/O: Customer verbal

- RH emergency fuel pump breaker pop out : Removed RH emergency fuel pump assy, cleaned motor brushes, repaired chafing wire. Reinstalled fuel pump assy, tested satisfactory.
- Pneumatic lights both extinguish when one engine is running : Found RH vacuum (pressure) pump worn. Removed RH pump SN : 156353 and replaced with serviceable pump (removed from C-GOX) PN : 442CW-6 SN : 128307. Regulator pressure adjusted, system tested and found satisfactory.
- Oxygen pressure at 0 PSI : Found oxygen filler fitting loose, fitting retightened. Oxygen bottle refilled. Leak test c/out, found satisfactory.
- LH low pressure fuel pump annunciator light illuminate when pump not running : Found LH fuel pressure switch U/S. Replaced switch with new PN : 6607A1-134 SN : K001999. Tested satisfactory.
- Landing light U/S : replaced lamp PN : 4587, tested satisfactory.
- RH Nav light U/S : replaced lamp PN : WLA-A-7512-24, tested satisfactory.
- RH fuel bowl drain to be replaced : replaced drain PN : CCA1550. Found satisfactory.
- Stall warning intermittent : Stall warning removed, lubricated and reinstalled. Functional test c/out and found satisfactory.
- LH tire worn : replaced LH tire with new tire PN : 650CB1-5 SN : 72012092
- Air conditioning not working : System leak test c/out, found satisfactory. Serviced system.
- Found one terminal lead broken in RH wing leading. Repaired terminal. System tested and found satisfactory.

Both engines run-up ok/out, satisfactory.

The work described was performed in accordance with the applicable standards of  
Airworthiness  
DATE: Oct 13/2017 Signed: [Signature] [Stamp] ACA001/AMO

ACA001/AMO 27-95





**Section 1: Record of maintenance and elementary work**

[illegible]



## Section 2: Record of engine, propeller and component\* installations

41

Date installed / /	Total air time	Item (engine prop or name of component)	Type/Model/Serial	Serial Number	Position	Date
Aug 5/10	7211.0	ENGINE	T30-510-3060	L-9073-61A	LH	
Aug 5/10	7211.0	ENGINE	L710-510-3240	L-304-68A	RH	
Aug 5/10	7211.0	Propeller	HC-C4YR-2	FH84	LH	
Aug 5/10	7211.0	Propeller	HC-C4YR-2L	FH99	RH	
May 15/12	7469.6	Propeller	HC-C4YR-2	FH84	LH	
May 15/12	7469.6	Engine	T30-510-3060	L-9073-61A	LH	
May 15/12	7469.6	Engine	T30-510-3060	L-307-61A	LH	
May 15/12	7469.6	Propeller	HC-C4YR-2	FH84	LH	

Reason for change	Entered by
Found installed at import	
installed at import	
installed at import	
installed at import	
Propeller removed for engine O/H	
Engine removed time expired.	
old engine installed.	
Propeller reinstalled after engine replacement	



Section 3: Record of applicable airworthiness directives, air worthiness limitations, and equivalent mandatory requirements

Reference (e.g., AD #)	Date applicable	Compliance threshold	Compliance interval	Brief description or requirement
2010-07-08				Turbochargers
				Found N/A on both engines as per P/N ES/N.
				Entered by: <i>peyer</i> Date entered: <i>March 24/11</i>

Canada

Transport Canada

Search: Environment, Health, Safety, Transport Canada, Major Issues

Language: English, French, Other

AD Record List

Transport Canada

CAWIS

AD Number

AD Title

AD Status

AD Date

AD Description

AD Compliance

AD Remarks

AD Action

AD Effect

AD Status

AD Date

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AD Compliance

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AD Compliance



Section 3: Record of applicable and equivalent mandatory requirements

Reference (e.g., AD #)	Date applicable / /	Compliance threshold	Compliance interval	Brief description or requirements
2010-07-08				Turbochargers

N/A on both engines as

NO AD  
REFER  
TO AD  
NO AD  
REFER  
TO AD  
NO AD  
REFER  
TO AD  
NO AD  
REFER  
TO AD  
NO AD  
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NO AD  
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TO AD

- ☐ ELEVATOR CONTROL SYSTEM *PCW 6-6-79*
- ☐ ELEVATOR SURFACE TRAVEL *PCW 7-11-79*
- ☐ CONTROL WHEEL SHUNT STOPS *PCW 5-8-79*
- ☐ LIGHTER CIRCUIT BREAKER *PCW 7-9-80*
- ☐ AIR DOOR CATCH ASSEMBLY ATTACH *N/A per 5/10*
- ☐ ELEVATOR BALANCE WEIGHTS *PCW*
- ☐ PLACARDS *PCW*
- ☐ FUEL SELECTOR VALVES *N/A per 5/10*
- ☐ STRUT HOUSING INSPECTION *PCW 5/8/88*

US 78.28.11  
US 78.12.62  
US 78.15.82  
US 78.20.82  
US 80.13.08  
US 80.17.82  
US 80.17.08  
US 80.18.10  
US 82.08.05

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REC.

Last updated: 2007-09-13

Important Notice

Les travaux de maintenance décrit ci-haut ont été exécutés conformément aux normes de navigabilité applicables.

Signature du TEA *[Signature]*

Licence No *ACA 007* Date *AUG. 5 2010*

QUÉBEC AIR MAINTENANCE AMO 27-85



LOG # 5

N834NQ



*The Standard*

# AIRCRAFT LOG

ASA-SA-2



# Aircraft Record General Information

Manufacturer PIPER Model PA31-350  
Serial 31-7752070 Registration Number N949SS  
Date of Manufacture \_\_\_\_\_

## Engine(s) currently installed:

12/12/17

L-3307-61A

L Manufacturer LYCOMING Model T10 540 J2BD Serial ~~L-9073-61A~~

R Manufacturer LYCOMING Model LT10 540 J2BD Serial ~~L-1907-60A~~  
L-3014-68A

## Propeller(s) currently installed:

Manufacturer \_\_\_\_\_ Model \_\_\_\_\_

HUB Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_

Blade Model \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_ Serial \_\_\_\_\_







YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
<div style="transform: rotate(-30deg); position: absolute; top: 200px; left: 50px; font-size: 2em; font-weight: bold;"> AIRCRAFT BROUGHT BACK TO  U.S.A. 12/12/17  N834NQ  SN 31-7752070 </div>				

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
N834NQ	HEATER HOBBS 1917.0			
AIRFRAME	HOBBS 4043.7	A/CTT 8037.6		
Install new ELT-ACK Technologies Model No.E-04 ELT S/N 21386. ELT battery replacement next due 11/21/2022. Remote switch and audio alert also have new batteries. Weight And balance is unchanged.C/W Far 91.207(d) ELT inspection. C/W AD2000-25-01Detect and CorrectCracked MLG Inboard Door Hinge Assemblies per para (d)(2). C/W AD2003-24-07 Rudder Torque Tube Assembly and Rudder Rib per para (d)(2). C/W AD2009-13-06R1 Nose Baggage Door Latch And Locking Components para (e) ((1) c/w at 7207.3. Next due 8207.3 c/w para (e)(2) due each 100 hrs. C/W AD2013-10-04 Correction of engine exhaust system integrity. Right and left engine per para (g)(1). AD2017-10-20 Fuselage Station 332.00 Bulk Head Integrity due each 500 hrs. due at 8533.3 A/CTT. C/W AD2004-21-05 Combustion Heater Pressure Delay Test per para (e) (1). Check operation of air switch. C/W AD2004-25-16R1 Prevent Failure of Fuel Regulator Shut Off Valve per para (e)(1). C/W AD82-27-13R2 Flap Extension System Inspected Transmission per para (9)(3) RT 1/8, LT 1/16 due each 100 hours para (a)(2) due at 8402.6 A/CTT.				
				C/W AD92-27-05 Aileron Control System per para - Both Aileron Bellcranks Balance Cable Color Coded Red per para (a). AD93-23-13 Engine Cowling Seals Due Each 50 Hrs. per para (a). C/W AD98-08-18 Elevator Bungee Spring. Install new spring P/N 71056-02. Replacement next due At 9037.6 A/CTT. Install new engine air filters P/N BA-7, RT and LT sides. Install 2 new Engine shock mounts on RT engine top P/N J-9613-29 and Torque Per Piper Service Manual. Check propeller accumulator Pressures 125 psi per AMM. Install new hydraulic filters P/N AN6235-1A. Check propeller boots for operation. Patch horizontal and Vertical As needed. Install new static wick on RT elevator outboard. Check torque of vertical stabilizer mounting bolts per Piper AMM. Replace all fuel cap o-rings P/N MS29513-336. Remove left flap, remove corrosion on top of flap. Install new Cherry rivets as needed. Apply Ecco Etch, Alodine prime and Paint. Reinstall with new hardware as needed. Remove RT flap. Remove inboard leading edge, remove corrosion aft of leading Edge and treat area and fabricate patch. Install new flap leading Edge skin P/N 40185-037 and rivet. Prime skin and paint flap top And bottom of skin blue. Reinstall flap and check operation. Remove tail number C-GOXI and install new N-number N834NQ On RT and LT sides. Review POH and install placards as needed.



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Facility. (See back pages for other specific entries.)
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Jack up aircraft, steam clean landing gear. Remove wheels  
And Grease wheel bearings and landing gear zerk fitting. Check  
Operation of landing gear on 5 cycles and emergency free fall down.  
Service hydraulic system with 5606 hydraulic fluid.  
The aircraft and/or component identified above was repaired and  
inspected in accordance with current regulations of the Federal  
Aviation Administration and is approved for return to service.  
Pertinent details of the repair are on file at this station under  
Service Order No. 62186 Dated: 12/11/17

*James K. Merrick*  
FAA Approved Repair Station No. B2ER144J  
Bothart Enterprises and Aircraft Services, Inc.  
Genesee County Airport Batavia, N.Y. 14020

I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED  
IN ACCORDANCE WITH AN ANNUAL TYPE INSPECTION  
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.  
A.D. SUMMARY TO 2017-24 CHECKED.  
OPERATIONAL CHECK SATISFACTORY.

SIGNATURE: *James K. Merrick*  
FOR REPAIR STATION B2ER144J  
TOTAL TIME: 8037.6 TACH: Hours 4043.7  
DATE OF INSPECTION: 12/12/17

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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DATE

Date	Manufacturer	Model	"N" Number	Serial No.
12-DEC-2017	Piper	PA31-350	N834NQ	31-7752070
Aircraft Total Time	Aircraft Total Cycles		Left Engine TSN	Right Engine TSN
8037.6 hours			12,386.5 hours	826.6 hours

#### AIRFRAME LOG BOOK ENTRY INSERT

- I find this aircraft meets the requirements for the certification requested and have issued a standard airworthiness certificate dated 12-DEC-2017.

Authorized Signature

*Thomas Kohberger*

Certificate No.: DART833021EA







YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				



10471 E. Buckhorn Rd. Mesa, AZ 85217  
PH: (480) 832-1330 FAX: (480) 832-1180

Make Piper	Model PA-31-350	Serial Number 31-7752070	Tail Number N834NQ
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The following interior refurbishment items were completed on this aircraft with materials conforming to CFR 25.853(a) and Arizona Aircraft Interior Design approved process

DESCRIPTION	PART NUMBER	MATERIAL
Cabinetry (Table) - repair		Repaired table slide

All work was performed in accordance with aircraft Maintenance Manual, Illustrated Parts Catalog AC43.13-1B, AC43.13-28 and current FAA Regulations. It was found to be airworthy for return to service. Pertinent details are on file at this repair station under the work order.

Inspected by:

*Michael J. Byrd*

Date: 02/05/18

Work Order: 17704  
ARIZONA AIRCRAFT INTERIOR DESIGN, INC.  
FAA REPAIR STATION NO. 10785H

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE 3/8/2018 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-8393  
REG N834NQ 4766 E. FALCON DR. HOBB 4086.7  
MODEL PA31-350 MESA, ARIZONA 85215  
SER # 31-7752070 FAA APPROVED REPAIR STATION NO. X0FR185J

### AIRFRAME LOG ENTRY

- Pilot side most rear (forward facing) headset jack (headphone side) "Inop": Troubleshoot audio position and found satisfactory. Checked headset and found voice level low and semi functional.
- Pilot and copilot wood divider need secured to headliner bracket: Removed divider and bracket. Fabricated new bracket of .050 aluminum and reinstalled using existing hardware. Reinstalled divider and secured to bracket.
- Adjusted audio output level for TRC-899 Skywatch P/N 805-11900-001, S/N 82471 using Laptop Computer and Hyper-terminal Program. Set level to 16 law Sky899 Installation Manual Doc #009-11900-001, Rev. D dated Sept. 20, 2007 Appendix "E". Range is 0 to 63.
- Connected R12 service cart to service ports on right engine firewall. Evacuated air condition system and found no freon. Serviced with 4 lbs R12 freon and rem.
- The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service. AUTHORIZED SIGNATURE: *[Signature]* CRS X0FR185J  
Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-8393.

-----END-----



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE 5/17/2018 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-8498  
 REG N834NQ 4766 E. FALCON DR. HOBB 4086.7  
 MODEL PA31-350 MESA, ARIZONA 85215  
 SER # 31-7752070 FAA APPROVED REPAIR STATION NO. X0FR185J

### AIRFRAME LOG ENTRY

1. Removed damaged skin P/N 52107-000 from left lower forward fuselage STA 30.00 to STA 76.00. Fabricated new skin from 2024T3 .032 aluminum and installed using solid rivets, and three cherry rivets. Installed new Damping Material P/N P440578 to inside of skin. Re-installed de-ice plate and sealed. Work performed iaw AC43.13-1B, Chapter 4, Section 4. Painted to match by outside vendor.
2. Removed left Hartzell propeller, Model HC-C4YR-2, S/N FH-84 and sent for repair. Propeller overhauled by Warner Propeller & Governor, CRS W59R659N. Ref 8130-3, WO 13167 dated 01 May 2018 for details. Reinstalled propeller iaw Hartzell Owners Manual 115N, Section 61-00-15. Torqued to 65 Ft Lbs and safetied using .032.
3. Removed Left engine Lycoming TIO-540-J2BD, S/N L-3307-61A and reinstalled same after repair by Aircraft Engine Specialists, CRS ZF7R728Y, WO E5459-18-03. Torqued engine mount nuts to 40 FT LBS iaw Piper maintenance manual. Serviced engine with 12 qts Aeroshell 100 Mineral Oil. Rigged engine control cables and performed engine runs according to break in sheet provided by AES.
4. The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service. AUTHORIZED SIGNATURE: Bruce Ben CRS X0FR185J  
Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-8498.

END

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

DATE 7/31/2018 FALCON EXECUTIVE AVIATION, INC. W.O.# SVC-8656  
 REG N834NQ 4766 E. FALCON DR. HOBBBS 4,087.3  
 MODEL PA31-350 MESA, ARIZONA 85215  
 SER # 31-7752070 FAA APPROVED REPAIR STATION NO. X0FR185J

### AIRFRAME LOG ENTRY

1. Adjusted left and right Engine Idle Mixtures, ref. Piper Navajo Service Manual section 8-65 and Lycoming Operators Manual section e (1) - (4).
2. Removed and replaced right Engine EGT Probe with new, PN: 86341.
3. The work identified above was performed in accordance with current Federal Aviation Regulations and found to be airworthy for return to service. AUTHORIZED SIGNATURE: [Signature] CRS X0FR185J  
Pertinent details of work accomplished on this aircraft are on file at this agency under work order SVC-8656.

END



YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				



8014 E. McClain Dr. Ste. 210 • Scottsdale, AZ 85260 • (480) 443-7267

**N834NQ Date: 09/21/18**

**Model: Piper PA-31-350 S/N: 31-7752070 AFTT: 4087.8**

**AIRFRAME LOG ENTRY**

**1. Removed worn nose tire and tube and installed new units IAW Piper PA-31-350 Section 7-15**

Unit	POS	P/N OFF	S/N OFF	P/N ON	S/N ON	COND
Tire	Nose	606C86-6	12792055	606C86-6	80452244	New
Tube	Nose	302246401	NSN	302246401	NSN	New

I certify this article has been repaired and inspected in accordance with the current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed and is approved for return to service W.O. 529-18-10944

Signature TechnicAir

FAA CRS: LN3R663L



**Make  
Piper**

**Model  
PA-31-350**

**Serial Number  
31-7752070**

**Tail Number  
N834NQ**

The following interior refurbishment items were completed on this aircraft with materials conforming to CFR 25.853(a) and Arizona Aircraft Interior Design approved process

DESCRIPTION	PART NUMBER	MATERIAL
Carpet – installed new	WO6162 SK7328	AIP Woosh II Wool Carpet Skandia 250" Carpet Pad
Airstair Door – recovered	A268	Garrett Tan Leather
Airstair – refurbished	400234	Vasi Flight Floor BCV-Terra Brown
Curtains: new	6595-04	Brentano Penthouse Rue de Rivoli Fabric

All work was performed in accordance with aircraft Maintenance Manual, Illustrated Parts Catalog AC43.13-1B, AC43.13-28 and current FAA Regulations. It was found to be airworthy for return to service. Pertinent details are on file at this repair station under the work order.

Inspected by

Date: 02/12/2019

Work Order: 17852

ARIZONA AIRCRAFT INTERIOR DESIGN, INC.  
FAA REPAIR STATION NO. 131810AL

determined to be in airworthy condition and is approved for return to service this date. All AD's are current through this date, see master AD list Pg 1-7. Complied with FAR 91.207(d) ELT inspection check good ELT Batt due 11/22.

Mike Spisak  
AP33838101A







YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				



8014 E. McClain Dr. Ste. 135B • Scottsdale, AZ 85260 • (480) 443-7267

N834NQ Date: 05/02/2019 Model: Piper PA-31-350

S/N: 31-7752070 HOBBS: 4,164.7

**AIRFRAME LOG ENTRY**

1. Customer requests a A/C servicing be performed. /// Complied with aircraft A/C service, Ref Navajo Chieftain Service Manual Chp. 14-87, ops and leak check good.
2. Customer requests that the A/C system be evaluated for leaks. /// Complied with evaluation of the A/C system for leaks. No leaks noted at this time.
3. Customer requests all tires serviced. /// Serviced all aircraft tires Ref Navajo Chieftain service manual table 11-1.
4. Customer states on the digital EGT/CHT gauge getting some good readings and others seem to be giving outside air temp. /// Several EGT probes worn and require replacing, customer declines any further troubleshooting action at this time.

I certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and/or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.  
W.O. # S29-19-11295

Signature TechnicAir

  
Dean Claus

FAA CRS: LN3R663L

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
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**SWAZAVIATION**

**AIRFRAME MAINTENANCE ENTRY**

Model: Piper PA31-350

Serial Number: 31-7752070

Registration Number: N834NQ

Hobbs Time: 4167.1

Maintenance Performed:

Removed and replaced RH fuel selector valve P/N: 3487-00-1 and fuel crossfeed valve P/N: 800411-00 IAW Piper PA31-350 AMM, ops and leak check good.  
This aircraft is approved for return to service only for the work described above. ----- End -----

Print Name: Zachary Spisak Signature: 

Cert#: AP3970228

Date: 9/14/19

**SWAZAVIATION**

**AIRFRAME MAINTENANCE ENTRY**

Model: Piper PA31-350

Serial Number: 31-7752070

Registration Number: N834NQ

Hobbs Time: 4167.1

Maintenance Performed:

Removed and replaced LH and RH emergency fuel pumps P/N: A10014-D40 IAW Piper PA31-350 AMM, ops and leak check good.  
This aircraft is approved for return to service only for the work described above. ----- End -----

Print Name: Zachary Spisak Signature: 

Cert#: AP3970228

Date: 9/14/19



# AIRFRAME MAINTENANCE ENTRY

Model: Piper PA31-350  
Hobbs Time: 4182.7

Serial Number: 31-7752070

Registration Number: N834NQ  
Maintenance Performed:

Removed tail nav light assembly and installed the Uavionix ADS-B TailBeacon assembly P/N: UAV-1002183-001 IAW tail beacon STC installation guide, Document # UAV-1002514-001. See 337 this date.  
This aircraft is approved for return to service only for the work described above. ----- End -----

Print Name: Zachary Spisak Signature: 

Cert#: AP3970228 Date: 12/31/19

Model: Piper PA31-350  
Hobbs Time: 4180.8

Serial Number: 31-7752070

Registration Number: N834NQ  
Maintenance Performed:

Removed, charged, and installed new aircraft battery with Gill Sealed Battery P/N: 7242-14. Reconnected LH engine intercooler to turbo ducting coupler. All IAW Piper PA31-350 AMM.  
This aircraft is approved for return to service only for the work described above. ----- End -----

Print Name: Zachary Spisak Signature: 

Cert#: AP3970228 Date: 10/11/19

## SWAZAVIATION

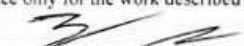
# AIRFRAME MAINTENANCE ENTRY

Model: Piper PA31-350  
Hobbs Time: 4182.7

Serial Number: 31-7752070

Registration Number: N834NQ  
Maintenance Performed:

Removed and replaced 3 LH prop de ice boot harnesses, R&R #1 engine monitoring trio gauge, ops checks good. All work done IAW Piper PA31-350 AMM.  
This aircraft is approved for return to service only for the work described above. ----- End -----

Print Name: Zachary Spisak Signature: 


Cert#: AP3970228 Date: 12/22/19

# AIRCRAFT RETURN TO SERVICE AND CURRENT MAINTENANCE STATUS

Aircraft: N834NQ S/N 31-7752070

Date: 3/24/2020 Hobbs: 4,182.7 ACTT: 8,176.6

Lubed all pully's and moving parts, installed new main tire on left side, serviced nose strut with new seal kit, 5606 and nitrogen. Cleaned gear and lubed, retraction check on gear and checked rigging, see checklist for complete inspection. Transponder and Pitot Static IFR check done see tag. I certify that this AIRCRAFT has been inspected in accordance with the requirements of an **Annual Inspection** in accordance with the requirements FAR 43, Appendix D and current FAA regulations and is determined to be in airworthy condition and is approved for return to service this date. All AD's are current through this date, see master AD list and Check List. Complied with FAR 91.207(d) ELT inspection check good ELT Batt due 11/22.

  
Mike Spisak  
AP33838101A

Flite Instruments and Avionics

2310 S Airport Blvd. Ste 11

Chandler, AZ. 85286

CS# 6FIR926C


480-516-0308

Reg #	A/C Make	Model	S/N	Tach/Hobb
N834NQ	Piper	PA31-350	31-7752070	4182.7

I certify that the Static and transponder tests, including data correspondence required by § 91.411 & 91.413, have been performed and found to comply with 14 CFR part 43, appendix E & F.

Work performed by: 

Altitude: 25000 ft  
Date: 03/27/2020

Inspected by: 

Work Order# 7673

## airs and Alterations

1 Certificate Number of  
or other specific entries.)



SWAZAVIATIONAIRFRAME MAINTENANCE ENTRY

Model: PA31-350 Serial Number: 31-7752070 Registration Number: N834NQ  
Hobbs Time: 4195.9 Maintenance Performed:

**A. MAINTENANCE ACTIONS PERFORMED:**

1. Removed and replaced A/C scoop relay IAW Piper PA31-350 AMM. Ops check good

This aircraft is approved for return to service only for the work described above. ----- End -----

Print Name: Zachary Spisak Signature:  Cert#: AP39702281A Date: 09/14/2021

SWAZAVIATIONAIRFRAME MAINTENANCE ENTRY

Model: PA31-350 Serial Number: 31-7752070 Registration Number: N834NQ  
ACTT: 8232.6 Hobbs Time: 4238.7 Maintenance Performed:

1. Performed an Annual Inspection IAW 14 CFR Part 43 Appendix D. All AD's current, see master AD list for recurring AD times.

2. R&R vacuum inline filter with new AA2J4-6

3. Charged LH prop accumulator to spec with nitrogen

All work done IAW Piper PA31-350 AMM. I certify that this aircraft has been inspected IAW an Annual Inspection and has been determined to be in airworthy condition ----- End -----

Print Name: Zachary Spisak Signature:  Cert#: AP39702281A Date: 05/03/2021

AIRFRAME MAINTENANCE ENTRY

Model: PA31-350 Serial Number: 31-7752070 Registration Number: N834NQ  
ACTT: 8305.6 Hobbs Time: 4311.7 Maintenance Performed:

1. Performed an Annual Inspection IAW 14 CFR Part 43 Appendix D. All AD's current, see master AD list for recurring AD times.

2. Complied with ELT check per FAR 91.207(d) with no defects noted.

3. R&R LH tire/tube, brake disc, and all brake linings with new

4. R&R RH tire/tube, brake discs, all linings, and resealed both RH brake calipers with new

5. Fixed broken wire on RH recognition light

6. R&R light bulb for RH MLG gear down light

7. R&R nose tire and tube with new. R&R nose wheel bearings and races with new

8. Charged LH and RH prop accumulators to spec with nitrogen

All work done IAW Piper PA31-350 AMM. I certify that this aircraft has been inspected IAW an Annual Inspection and has been determined to be in airworthy condition ----- End -----

Print Name: Zachary Spisak Signature:  Cert#: AP39702281A Date: 07/1/2022

Flite Instruments and Avionics

4927 E. Falcon Drive


Mesa, AZ 85215


CRS# 6FIR926C

480-516-0308

Reg #	A/C Make	Model	S/N	Tach/Hobb
834NQ	Piper	PA31-350	31-7752070	8305.6

I certify that the Static, Altimeter and transponder tests, including data correspondence required by 91.411 & 91.413, have been performed and found to comply with 14 CFR part 43, appendix E & F. Altitude: 20,000 ft

Work performed by:  Date: 06/21/22

Inspected by:  Work Order: 834NQ